BOOK

Depth 6	Contents 7	Reference to last Measurem 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249140

No. 1st and final

e of Work ..... From..... To.....

e of Contractor of nature of Agency Sri Subbareddy. K.V.

of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
NAME OF WORK :- Improvements to drains at Syndicate bank road 5th block BEL layout in ward no 09 (vidyaranyapura) vidyaranyapura sub division.						
JOB CODE :- 009-18-000024						
WORK ORDER NO :- BBMP/EE/BTD/NO/22/2019-20 dt. 22-05-2019						
Est cost :- 30.00 Lakhs.						
APPROVED PRIC :- 223071.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 1	Earthwork excavation by manual means in ordinary soil excluding conveyance horizontal throw upto 2m and an average lift upto 0.5m. excavated surface levelled neatly after breaking of clods complete as per specification.						
	pre measurment recorded Qty vide page no 249132, 249133 of this MB					147.02 cum	
	Rate at Rs 200.00/cum					29403=00	

Name of Work .....

Name of Contractor of nature of Agency ...

Date of commencement of work .....

Date	Full description, etc, of work
	2
Item 2	Removing and re- paint in cement -fication & direct
	pre measurment re and 249134 of this M

NT BOOK

ensions		Contents	Referen to last Measuren
Breadth 5	Depth 6	7	8
l means in ordinary lal Throw upto 2m excavated surface of clods complete			
vide page no		147.02 cum	29403=00
/cum			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

al No. ..... From..... To..... 249141

e of Work .....

e of Contractor of nature of Agency .....

of commencement of work .....

e	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
12	Removing and refixing of stone slab of drains and paint in cement mortar (1:3) complete as per specification & direction of engineer incharge of work						
	pre measurment checked Qty vide page no 249133/1 and 249134 of this MB					724.95 Sqm	65246=00
	Rate at Rs 90.0/Sqm					708.75	63788.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 3	providing granite slab of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing complete as per specification & direction of engineer incharge of work						
	pre measurment recorded Qty vide page no 24/91/25 of this MB					87.75 sqm	
	RATE AT Rs 650.0/sqm						57038=A

al No. .....
e of Work .....
e of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work	N
	2	
-A	providing and constr solid cement- blocks block density not le minimum average co including cost of ma incharge of work.	

NT BOOK

ensions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
cted quality			
7.5cms thick			
:8) including fixing			
direction of engineer			
Hyride page no			
		83.75 Sqms	
50.0/Sqm			57038=A

M. A. R. 57 (Rule 116)
Measurement Book

No. B

al No. .....
e of Work ..... From..... To..... 249142
e of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
-A	providing and constructing load bearing wall with solid cement blocks of size 400x150x200mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 4.0 N/mm² including cost of materials and direction of Engineer incharge of WBSK.						
		2	30.0	-	0.40	24.0	
		2	30.0	-	0.40	24.00	
		2	30.0	-	0.40	24.00	
						=72.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	13.00	-	0.40	10.40	
	S/S	2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
						394.40	

Assistant Executive Engineer
Vidyaranyapura Sub Div
BBMP, Bangalore

AE W.09

23/8/19

I No. .....
e of Work .....
e of Contractor of nature of Agency ...
e of commencement of work .....

e	Full description, etc, of work
	2

NT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	10.40	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
	-	0.40	24.00	
			394.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249143

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
CF	~~2~~	~~2×30×0.40~~			24.00	
	~~2~~	30.00	~~30.00~~			
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	30.00	-	0.40	24.00	
	2	23.00	-	0.40	18.40	
				TOTAL	580.80	Sqm
23/8/19		Rate @ Rs 840.00			Sqm	487872=00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

AE 23/8/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 5	providing and laying in position plain cement concrete of mix 1:2:4 with cement at 240 kgs with cement concrete of mix 1:2:4 granite metal coarse aggregate with 20mm and down size graded at at 0.459 cum. machine mixed. concrete laid in layers not exceeding 15cm. thick well compacted in foundation. plinth and cills.						
	M/S	2	30.A	0.20	0.10	1.20	
		2	30.A	0.20	0.10	1.20	
		2	30.A	0.20	0.10	1.20	
		2	30.A	0.20	0.10	1.20	
		2	30.A	0.20	0.10	1.20	
		2	30.A	0.20	0.10	1.20	

al No. .....
e of Work .....
e of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work	N
	2	
	S/S	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
			plain cement concrete	
			concrete of mix 1:2:4	
			and 40 mm size graded	
			0.69 cum of fine aggregate	
			concrete laid in layers not	
			in foundation. plinth	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

al No. .....

ne of Work ..... From..... To..... 249144

ne of Contractor of nature of Agency .....

e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		1	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	13.0	0.20	0.10	0.52	
	S/S	2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
						19.72	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	30.0	0.20	0.10	1.20	
		2	23.0	0.20	0.10	0.92	
						19.72	
	And for drain connection near partition	1	10.0	0.45	0.10	0.45	
		1	15.0	0.45	0.10	0.68	
		1	12.0	0.45	0.10	0.54	

CFC
23/8/19
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

AE 10-09
23/8/19

I No. .....
e of Work .....
e of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	N
	2	

ENT BOOK

imensions			Contents	Referen to las Measuren
h	Breadth 5	Depth 6	7	8
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	1.20	
	0.20	0.10	0.92	
	0.45	0.10	0.45	
	0.45	0.10	0.68	
	0.45	0.10	0.54	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

No. 249145

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
C/F C	1	10.0	0.45	0.10	0.45	
	1	12.0	0.45	0.10	0.54	
	1	15.0	0.45	0.10	0.68	
	1	16.0	0.45	0.10	0.72	
	1	15.0	0.45	0.10	0.68	
	1	10.0	0.45	0.10	0.45	
				Total	34.22 cum	35.42
				GRAND		177918 = 0
						177944.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97
23/8/19

AE 0.09

23/8/19

Rate at Rs 5200.00/cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 6	providing precast slab of 100 mm thick including cost of all materials, labour, curring, transportation, loading & unloading etc. complete as per specifications & direction of engineer incharge of work						
	N/S	1	30.0	0.90	-	27.00	
		1	25.0	0.90	-	22.50	
		1	30.0	0.90	-	27.00	
		1	15.0	0.90	-	13.50	
		1	32.0	0.90	-	28.80	
		1	10.0	0.90	-	9.0	
		1	10.0	0.90	-	9.00	
		1	23.0	0.90	-	20.70	
		1	30.00	0.90	-	27.00	
		1	18.00	0.90	-	16.20	
		1	15.00	0.90	-	13.50	
		1	26.00	0.90	-	23.40	
						237.60	

CREC @ 0.10

S/S

Cafe Mehfuz

Assistant Executive E
Vidyaranyapura Su
BBMP, Banga

23/8/19

Qty upto 12
Qty above 12

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Refere to las Measure 8
including cost of			
sion, Loading &			
m & direction of			
0.90	-	27.00	
0.90	-	22.50	
0.90	-	27.00	
0.90	-	13.50	
0.90	-	28.80	
0.90	-	9.00	
0.90	-	9.00	
0.90	-	20.70	
0.90	-	27.00	
0.90	-	16.20	
0.90	-	13.50	
0.90	-	23.40	
		237.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

al No. .....
e of Work ..... From..... To..... 249146
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
S/S	1	13.00	0.90	-	11.70	
C&FC Mehwish	1	30.00	0.90	-	27.00	
	1	30.00	0.90	-	27.00	
	1	30.00	0.90	-	27.00	
	1	20.00	0.90	-	27.00	
	1	20.00	0.90	-	18.00	
	1	30.00	0.90	-	27.00	
	1	21.00	0.90	-	18.90	
	1	23.00	0.90	-	20.70	
23/8/19	1	11.00	0.90	-	9.90	
				Total	451.80 Sqm	
Qty upto 125%	348.75 Sqm at 1700.00/Sqm					592875=00
Qty above 125%	103.05 Sqm at 1700.00/Sqm					175185=00

Assistant Executive Engineer
Vijayaranyapura Sub Division
BBMP, Bangalore-91

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 7	providing and fixing pre cast solid cement concrete kerbstone made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively 400mm high & 450mm in length finished with cm 1:3 plastering and finishing. Calling including form work complete as per specification						
	N/S	1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	
		1	30.0	0.45	-	67	

No. .....
e of Work .....
e of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	
	2	
	S/S	

MENT BOOK

Dimensions			Contents	Referen to last Measurer
ngth 4	Breadth 5	Depth 6	7	8
cement concrete kerbstone				
bottom width 114 and 165mm				
in lengths finished with				
calling including form				
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	
0.45	-		67	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

No. .....

e of Work ..... From..... To..... 249147

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	13.0	0.45	-	29	
S/S	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
	1	30.0	0.45	-	67	
					148.0	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.45	-	67	
		1	30.00	0.45	-	67	
		1	30.00	0.45	-	67	
		1	30.00	0.45	-	67	
		1	30.00	0.45	-	67	
		1	30.00	0.45	-	67	
		1	23.00	0.45	-	51	1621.00
					Total	1613 nos	
	Rate at Rs 375.00/nos						605000=00
							604875.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

AE N-09
23/8/19

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

AE N-09
23/8/19

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	1168.00 7	8
0	0.45	-	67	
0	0.45	-	67	
0	0.45	-	67	
0	0.45	-	67	
	0.45	-	67	
	0.45	-	67	
/0	0.45	-	51	1621.00
		Total	1613 nos	
75.00/nos				605000=0
				604875.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

No. .....
e of Work ..... From..... To..... 249148
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
providing and applying ready mix priming coat over concrete/ masonry/asbestos cement sheet/plastered surface including preparing the surface after thoroughly cleaning of all grease, dirt and other foreign matter and sand preparing including cost of materials.						
	12	30.0	-	0.45	162.0	
	1	13.0	-	0.45	5.85	
	11	30.0	-	0.45	148.50	
	1	23.0	-	0.45	10.35	
				Total	326.70	Sqm
						11435=0

Assistant Executive Engineer
Yediyaranyapura Sub Division
BBMP, Bangalore-97

AE N-09

23/8/19

Rate at Rs 35.0/sqm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 9	providing and applying spray painting in 2 coats (excluding primer coat over concrete/masonry/asbestos cement sheet plastered surface with flat wall paint of approved brand to give even shade after cleaning. Complete as per specification.						
	N/S	12	30.00	-	0.45	162.00	
		1	13.00	-	0.45	5.85	
		11	30.00	-	0.45	148.50	
		1	23.00	-	0.45	10.35	
					Total	326.70	Sqm
	Rate at Rs 85.00/Sqm						27770 =
	Add 12% GST				SUB	TOTAL	222974
							26756.88
					TOTAL BILL	AMOUNT	249731.

CAF Measurement

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

AE N-09
23/8/19

(1)

(2)

(5)

I No. .....
e of Work .....
e of Contractor of nature of Agenc
e of commencement of work .....

e	Full description, etc, of work
	2
	CERTIFICATE

AE
23/8/19

ENT BOOK

Dimensions			Contents	Reference to last Measure
h	Breadth 5	Depth 6	7	8
g in 2 coats (excluding) asbestos cement sheet of approved brand to give per specification.				
00	-	0.45	162.00	
00	-	0.45	5.85	
00	-	0.45	148.50	
00	-	0.45	10.35	
		Total	326.70	sqm
85.00/sqm				27770 =
		SUB TOTAL		222974
				267569.
TAL BILL AMOUNT				249731.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

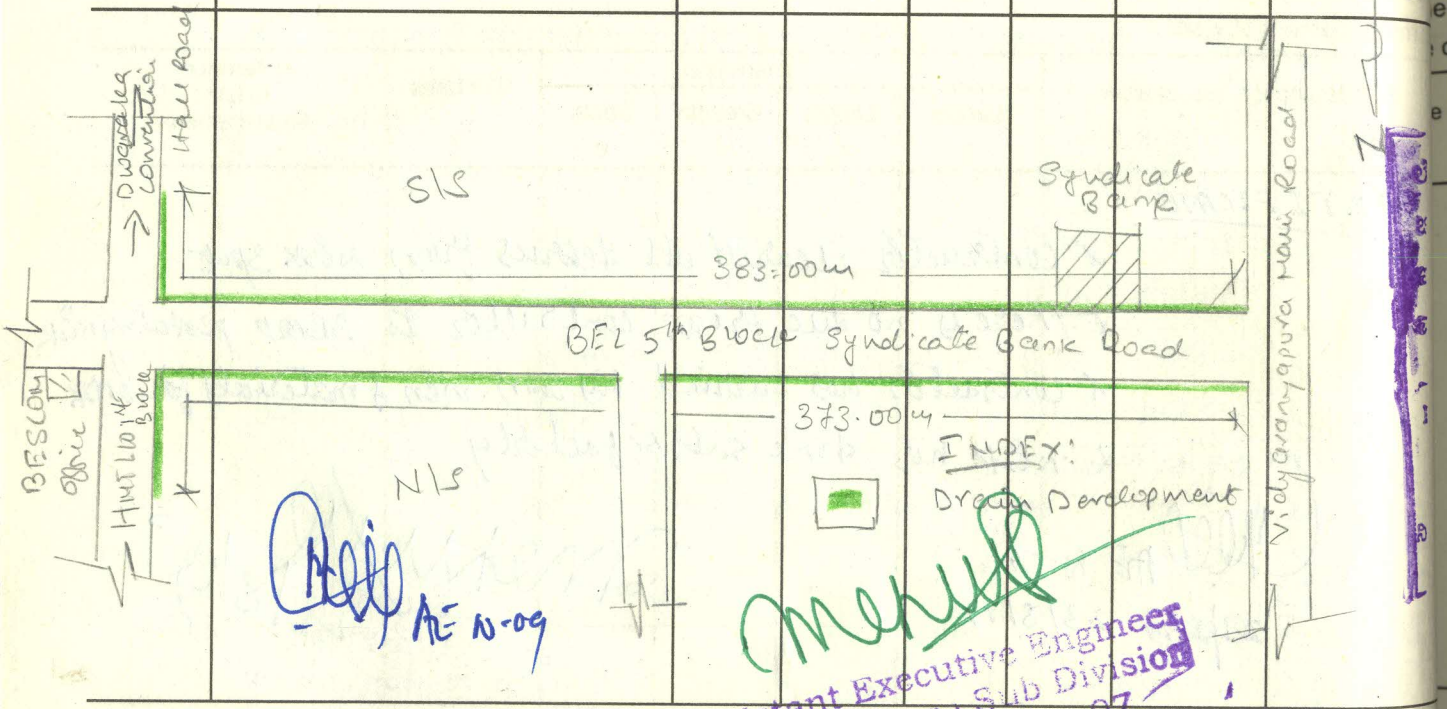
al No. .....
e of Work ..... From..... To..... 249149
e of Contractor of nature of Agency .....
e of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
CERTIFICATE * Contractor cleared all debries from work spot * There is no due from contractor to BBMP pertaining work * Contractor has carried his own men & materials for work * Work has done satisfactorily AE N-09 23/8/19						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



AE N-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

I No. .....
e of Work .....
e of Contractor of nature of Agency .....
of commencement of work.....

e	Full description, etc, of work
	1st and Part
	ಲೆಕ್ಕತೀರ್ಪಿಕೆ 2 P-1774
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 24,24,001-00 ಇಪ್ಪತ್ತ
	ಇದರಲ್ಲಿ ರೂ. 1,10,342-00 ಒಂದು
	ಮಾಡಿಕೊಂಡು ರೂ. 23,13,058

FT/NEFT/RTGS ಮುಖಾಂತರ ನಿ

ನಿರ್ವಾಹಕರು

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

NT BOOK

mensions		Contents	Referen to las Measuren
Breadth 5	Depth 6	7	8

Syndicate Bank

dicate Bank Road

INDEX:

Drain Development

Executive Engineer
pura Sub Division
Bangalore - 97

Vidyaranyapura Main Road

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249150

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work.....

1st and Part

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	3	4	5	6	7	8
ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 2 P-1771						
ಚಲ್ಲು ಪೊಬಳಗು ರೂ. 24244-00 ಗಳನ್ನು ಪಾವತಿ ಮಾಡಿದೆ.					BA 24244-00	
ಇದರಲ್ಲಿ ರೂ. 110342-00 ಚುಕ್ತಾ ಮಾಡಿಕೊಂಡು ರೂ. 2314058-00 ಗಳನ್ನು					P 24500-00	
					Cw 21646-00	
FT/NEFT/RTGS ಮುಖಾಂತರ ನಿಡಲಾಗಿದೆ					Cw 21646-00	
					Cr. 2500-00	
					Cwr 24300-00	
					Hire 400-00	
					Fr 15357-00	
					110342-00	
					2314058-00	

ಲೆಕ್ಕಾಧಿಪತ್ತರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ನಿರ್ವಾಹಕರು